

1. If your bedroom were pitch dark and you needed to find a pair of matching socks, how many socks would you need to take out of the drawer if there are only 10 white socks and 10 blue socks in the drawer? Explain.

2. I've got some U.S. change in my pocket, 3 quarters, a half dollar, 7 dimes, 3 nickels, and 7 pennies. If I wanted to make 55 cents without one of the coins being a nickel, what is the smallest number of coins I could use? Explain.

3. What's the smallest number of birds that could fly in a formation: 2 birds in front of a bird, 2 birds behind a bird, and a bird between a bird? Explain. (hint: Drawings work well here.)

Aug 12-1:09 PM

Starters 9/11

Simplify

1. $2(x - 2) + 5x$

2. $8.4b - 3.2b + 1.2a$

3. $\frac{1}{4}g + 6g - \frac{2}{3}$

4. $-4x + 8x(3y)$

Sep 11-10:05 AM

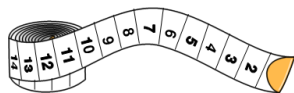
Solving Simple Equations (1.1L)

Unit Title: Getting Into Shape

Unit Question: Do I Measure Up?

Learner Profile: Balanced

Area of Interaction: Human Ingenuity



Aug 12-1:09 PM

I Can Statement:

I can solve one step equations using addition, subtraction, multiplication, and division.



Aug 12-1:16 PM

Words to Live By:

Equations

Inverse
Operations

Variable

Solutions

Aug 12-1:20 PM

How would you define the Addition Property of Equality:

Words:

Algebra:



Aug 12-2:02 PM

Example 1: $y - 8 = -5$

Example 2: $z - 1.7 = 0.4$

Example 3: $d - \frac{1}{4} = -\frac{1}{2}$

Aug 16-1:08 PM

How would you define Subtraction Property of Equality:

Words:

Algebra:



Aug 16-1:04 PM

Example 1: $m + 8 = -2$

Example 2: $z + 1.5 = 4.4$

Example 3: $p + \frac{3}{4} = -\frac{1}{2}$

Aug 16-1:15 PM

How would you define Multiplication Property of Equality:

Words:

Algebra:



Aug 16-1:04 PM

Example: $\frac{2}{5} m = -4$

Example: $-w/4 = 8$

Example: $\frac{1}{3} a = \frac{3}{4}$

Aug 16-1:19 PM

How would you define the Division Property of Equality:

Words:

Algebra:



Aug 16-1:05 PM

Example: $6\pi = 2\pi x$

Example: $5y = 45$

Example: $3p = -2/3$

Summary:

What is 1 general rule we can always use when we want to solve 1 step equations?

Aug 12-2:11 PM

Aug 16-1:30 PM

Assignment Textbook -Due tomorrow

p8 18-31 all

p9 33-41 all

(We did the evens in class)

Thinkers Explanations including words, numbers & pictures Due Thursday

Aug 16-1:41 PM